

PROJECT **County Highway 8 over RR/Canal Bridge, 1400 North Avenue, Wyanet, IL**
 CLIENT **Willett, Hofmann and Associates, Inc., Dixon, Illinois**



BORING **101** DATE STARTED **4-23-09** DATE COMPLETED **2-19-10** JOB **L-73,147**

ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **580.5** WHILE DRILLING **10.5'**
 END OF BORING **520.5** AT END OF BORING **Wash Boring**
 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Qu	Y DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.3	580.2	Bituminous Concrete
							1.4	579.1	FILL - SAND and GRAVEL
	1	SS	10	5.0			3.5	577.0	FILL - Brown silty SAND, little gravel, damp (SM)
	2	SS	4	11.5	1.0*	124	6.0	574.5	FILL - Brown and black silty CLAY, little sand, trace gravel, trace organic, very moist (CL)
	3	SS	6	14.6	0.5*		8.5	572.0	FILL - Brown very silty CLAY, trace to little sand, trace gravel, occasional Cobbles, very moist (CL)
	4	SS	3	23.0			11.0	669.5	Very loose brown sandy SILT, trace clay, gravel and organic, occasional clay seams, very moist (CL) (Possible Fill)
	5	SS	5						
	6	SS	10						Loose to firm brown silty medium to fine SAND, trace to little gravel, occasional silt seams and Cobbles, wet (SM) Sample 7: Poor recovery presumably due to a Cobble.
	7	SS	26						
	8	SS	30	9.7	4.5*		18.0	562.5	
	9	SS	31	10.3	6.58 4.5*				Hard pinkish-gray and gray silty CLAY and very silty CLAY layers, little to some sand, trace gravel, moist (CL/CL-ML)
	10	SS	24	10.6	4.5*				
	11	SS	48	21.3			28.0	554.5	Dense light gray clayey SILT, trace to little fine sand, moist (ML)
	12	SS	56	8.6	4.5*		28.0	552.5	
	13	SS	39	10.7	4.5*				Hard pinkish-gray and gray very silty CLAY, trace to little sand, trace gravel, occasional sand seams, moist (CL)

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

DRILL RIG NO. **334** End of Boring at 60.0' Page 1 of 2

PROJECT **County Highway 8 over RR/Canal Bridge, 1400 North Avenue, Wyanet, IL**
 CLIENT **Willett, Hofmann and Associates, Inc., Dixon, Illinois**



BORING **101** DATE STARTED **4-23-09** DATE COMPLETED **2-19-10** JOB **L-73,147**

ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **580.5** WHILE DRILLING **10.5'**
 END OF BORING **520.5** AT END OF BORING **Wash Boring**
 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Qu	Y DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							35		
	14	SS	40	9.8	4.5*				Hard pinkish-gray and gray very silty CLAY, trace to little sand, trace gravel, occasional sand seams, moist (CL)
	15	SS	41	10.0	4.5*				
	16	SS	57	10.4	4.5*		48.0	532.5	
	17	SS	54	13.1	4.5*				Hard gray very silty CLAY, little sand, trace gravel, moist (CL)
	18	SS	26				58.0	522.5	Firm gray silty fine SAND, numerous clayey silt layers, wet (SM/ML)
									* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

DRILL RIG NO. **334** End of Boring at 60.0' Page 2 of 2

PROJECT **County Highway 8 over RR/Canal Bridge, 1400 North Avenue, Wyanet, IL**
 CLIENT **Willett, Hofmann and Associates, Inc., Dixon, Illinois**



BORING **102** DATE STARTED **4-23-09** DATE COMPLETED **2-19-10** JOB **L-73,147**

ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **581.4** WHILE DRILLING **14.0'**
 END OF BORING **521.4** AT END OF BORING **Wash Boring**
 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	TYPE	N	WC	Qu	Y DRY	DEPTH	ELEV.	SOIL DESCRIPTIONS
							0.2	581.2	Bituminous Concrete
							1.6	579.8	FILL - Brown SAND and GRAVEL
	1	SS	80/1*	5.8			3.5	577.9	FILL - Brown silty SAND, GRAVEL and CINDERS, occasional Cobbles, damp
	2	SS	14	6.1			6.0	575.4	FILL - Light brown medium to fine SAND, trace to little gravel, trace silt, trace coal, damp (SP)
	3	SS	8	13.2					
	4	SS	9	11.8			11.0	570.4	FILL - Light brown and brown silty medium to fine SAND, trace gravel, moist (SM)
	5	SS	14	7.0					
	6	SS	20	13.6			14.0	567.4	FILL - Light gray silty SAND, trace to little gravel, trace P. C. Concrete pieces, damp (SM)
	7	SS	13	11.0	4.5*		17.0	564.4	Firm light brown silty medium to fine SAND, little gravel, wet (SM)
	8	SS	24	9.7	4.5*				
	9	SS	25	9.9	6.43 4.5*				
	10	SS	24	10.8	4.0*				Hard pinkish-gray very silty CLAY, trace to little sand, trace gravel, occasional sand seams, moist (CL)
	11	SS	24	10.0	4.5*				
	12	SS	20	10.7	4.5*				
	13	SS	77	6.9			33.0	548.4	Very dense gray SILT, little to some sand, little gravel, trace clay, occasional Cobbles, moist (ML)

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

DRILL RIG NO. **334** End of Boring at 60.0' Page 1 of 2

BORING LOGS
 T.R. 271A OVER WEST BUREAU CREEK
 STATION 60+00
 S.N. 006-4376
 WHA #1066D05

STRUCTURAL SHEET NO. 12C OF 13C SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	188	05-00195-00-BR	BUREAU	127	125
CONTRACT NO. 87380					
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT BRS-0188(118)					

FILE NAME = \\Srvust1\BSC05Bureau\County Drawings\Historical\Structure\Boring\03-09-09